

PROJECT TITLE : FIAT
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The object of Project FIAT is to establish a method to determine the retention of certain components of cigarette smoke by filters, filter additives and adsorbents.

SCREENING OF ADSORBENTS

The previously described apparatus (1) was set-up and preliminary tests were performed to optimize operating parameters.

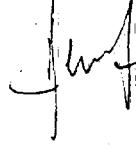
For each adsorbent, adsorption and desorption profiles are being obtained for selected organic compounds. A first selection of adsorbents should be achieved on this basis.

GAS-PHASE ANALYSIS ON FUSED SILICA CAPILLARY COLUMNS (FSCC)

The work is continuing in order to find an applicable stationary phase in FSCC which could be used for gas-phase analysis. The advantages of such a column for the FIAT project are a decreased analysis time and improved accuracy (due to lower specific absorption in the column).

REFERENCE

(1) Genoud-Y., PME Monthly Progress Report, October 1981, p 12.


YVG/jig/MARCH 23, 1982

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